

Title (en)

A COMPRESSION-RESISTANT WATER-SWELLING RUBBER COMPOSITION AND WATERTIGHT SEALING MATERIAL COMPRISING THE SAME

Publication

EP 0118998 B1 19861210 (EN)

Application

EP 84300768 A 19840207

Priority

JP 1904483 A 19830208

Abstract (en)

[origin: JPS59145228A] PURPOSE:The titled rubber composition which little loses water absorptivity even when it is compressed when it contains no absorbed water, comprising a vulcanize of a mixture containing chloroprene rubber or chlorosulfonated polyethylene, a highly water-absorptive resin, and a rubber or elastomer. CONSTITUTION:A mixture containing 100pts.wt. chloroprene rubber or chlorosulfonated polyethylene, 5-300pts.wt. highly water-absorptive resin, and 3- 100pts.wt. rubber or elastomer not vulcanized with a metal oxide vulcanizing agent is vulcanized with a metal oxide vulcanizing agent. A highly water-absorptive resin which can be obtained by crosslinking a polymer of an alpha,beta-unsaturated compound having one or two carboxyl groups or groups convertible thereinto in the molecule is preferred from the viewpoint of, especially, the water ansorptivity and durability of the produced composition.

IPC 1-7

C08L 11/00; **C09K 3/10**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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